60 GHz Wireless HD Transceiver MWIHD1 User's Guide

Introduction

Package contents

The following items should be included:

- Transmitter unit (MWIT1)
- Receiver unit (MWIR1)
- HDMI® cable
- User's Guide
- Warranty
- Power adapter
- MHL cable

If any of the above items is damaged or missing, please contact your supplier immediately.

Using the product safely

- Always treat your product with care and keep it in a clean and dust-free place.
- Do not expose your product to liquid, moisture or humidity.
- Do not expose your product to temperatures above 40° C when in operation.
- Do not drop or throw your product.
- Do not attempt to disassemble or modify your product. Only authorized personnel should perform service.
- Your device is not water-resistant; keep it dry.
- Only use the supplied AC adapter.

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Hardware

60 GHz Wireless HD MWIR1 / MWIT1

Front panel

LED indicator			
LED	**Color**	**Behavior**	**Indication**
Power	Blue	Blinking slowly	The transmitter has started transmitting and has not yet found the receiver.
		Blinking fast	Transmitter and receiver are linked and communicating with each other.
		On	The MWIR1 and MWIT1 have established an audio/video connection, the network is established.
		Off	The adapter is turned off or in sleep mode.

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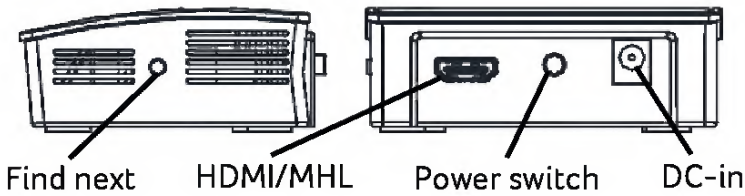
Rear panel



Configuration	
Find next	Short press (< 10 seconds) to detect the next source. This function allows you to switch the source of the audio/video to another in-range Wireless HD transmitter. This disconnects the current connection and triggers a connection to the next available source on the device list. Long press (> 10 seconds) to reset to factory defaults. This function allows you to reset the receiver to its original shipping condition.
HDMI/MHL	Connect an HDMI/MHL cable to this port and a TV or computer.
Power switch	Press to turn the power on or off.
DC-in	Connect the power adapter to the power DC-in jack.

Installation

Setup steps

1. Connect the transmitter to a media source, such as a computer, Blu-ray player or a smartphone using the HDMI/MHL cable. If connected to a computer, make sure the computer output resolution is in a supported video format.
2. Connect the receiver to the HDMI/MHL port on the projector. Select *WirelessHD* from the projector source list.

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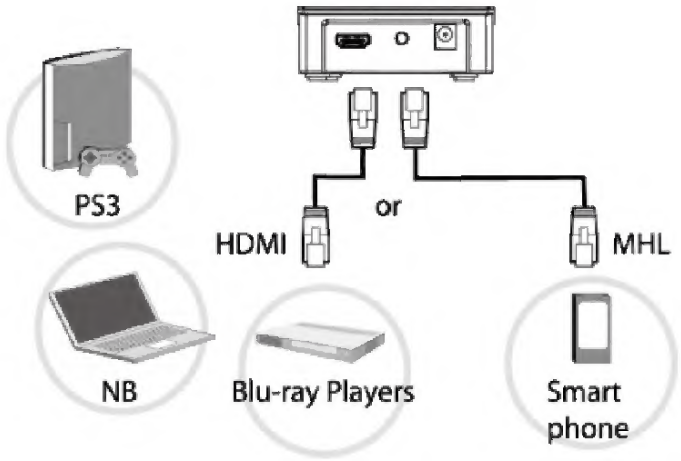
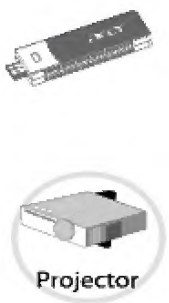
Step 1 The transmitter (MWIT1)



Step 2 The receiver (MWIR1)



Notes

- **For the best results, the MWIT1 and MWIR1 should: Face each other and be in the same room. Be no more than 33 feet (10 meters) apart. MWIT1 should not be placed in a cabinet or on a closed shelf. Do not place near metal objects.**
- **Do not forget to turn on the projector and ensure it is set up correctly.**

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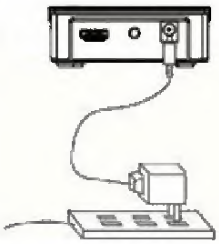
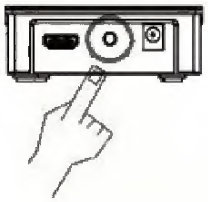
3. Check that the transmitter is powered.



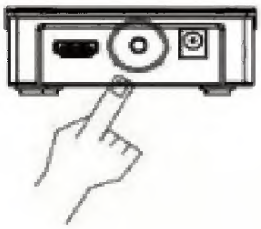
4. Turn on the transmitter.



Select the source

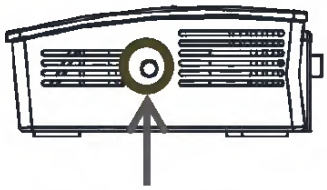
Connecting to a different transmitter

1. Turn on the new transmitter.



Power switch

2. Press the *Find next* button for 2 seconds.



Find next button

3. The LED on the transmitter will start blinking quickly. When the new connection has been established, the LED will stop blinking and stay lit.

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Specifications

Specifications	
Standards	Wireless HD 1.1, HDMI 1.4a, MHL V2.0
Frequency	60 GHz
Input/output	HDMI/MHL -n (MWIT1), MHL out x 1 (MWIR1)
Antenna type	24 antenna array
Range	10 meters in-room usage
A/V port	MWIT1: 1 port (CEC pass through) MWIR1: 1 port (CEC pass through)
Physical	Weight: 106 g (MWIT1) 120 g (MWIR1) Dimensions: 88.0 x 72.0 x 31.2 mm (MWIT1) 100.0 x 30.0 x 18.0 mm (MWIR1)
Adapter Power	Input: AC 100 to 240 V at 50 / 60 Hz 0.3 A Output: DC 5 V 2.0 A
LED indicators	One power indicator.
Operating environment	Operating temperature: 0 to 40° C Storage temperature: -20 to 70° C Operating humidity: 10% to 90% (non-condensing) Storage humidity: 5% to 90% (non-condensing)
SRRC Number	MWIT1:
	MWIR1:

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Video formats

Video format	Vertical refresh	Color space	Sampling	Supported
480i (1440 x 480i)	59.94 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
480p/480pw (640 x 480p/ 720 x 480p)	59.94 / 60 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
576i (1440 x 576i)	50 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
576p/576pw (720 x 576p)	50 Hz	YCbCr	4:2:2	Yes
		YCbCr	4:4:4	Yes
		RGB	4:4:4	Yes
720p (1280 x 720p)	50 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
	59.94 / 60 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
1080i (1920 x 1080i)	50 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
	59.94 / 60 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes

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1080p (1920 x 1080p)	23.976 / 24 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
	50 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
	59.94 / 60 Hz	YCbCr	4:2:2	Yes
			4:4:4	Yes
		RGB	4:4:4	Yes
VGA (640 x 480)	59.94 Hz	RGB	4:4:4	Yes
SVGA (800 x 600)	60 Hz	RGB	4:4:4	Yes
XGA (1024 x 768)	60 Hz	RGB	4:4:4	Yes
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RGB	4:4:4	Yes
SXGA (1280 x 1024)	60 Hz	RGB	4:4:4	Yes
WSXGA+ (1680 x 1050)	60 Hz	RGB	4:4:4	Yes

3D video formats	
Frame packing	1080p @ 24 Hz
	720p @ 50/60 Hz
Top to bottom	1080p @ 24 Hz
	720p @ 50/60 Hz
Side by side	720i @ 50/60 Hz 1080i @ 50/60 Hz 1080p @ 50/60 Hz

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Audio formats

Audio sample rate						
LPCM 2/6/8-channel					LPCM 2-channel	
32 kHz	44.1 kHz	48 kHz	88.2 kHz	96 kHz	176.4 kHz	192 kHz
Supported					Supported	

*Specification subject to change without notice.

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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
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Émetteur-récepteur HD sans fil 60 GHz Guide d'utilisation du MWIHD1

Introduction

Contenu de l'emballage

Les éléments suivants doivent être inclus :

- Émetteur (MWIT1)
- Récepteur (MWIR1)
- Câble HDMI®
- Guide d'utilisation
- Garantie
- Adaptateur secteur
- Câble MHL

Si un des éléments ci-dessus était manquant ou endommagé, veuillez contacter immédiatement votre fournisseur.

Utiliser le produit en toute sécurité

- Manipulez toujours votre produit avec précaution et gardez-le dans un endroit propre et sans poussière.
- N'exposez pas votre produit à des liquides ou de l'humidité.
- N'exposez pas le produit à des températures supérieures à 40 °C lorsqu'il est en fonctionnement.
- Ne laissez pas tomber ou ne jetez pas le produit.
- Ne tentez pas de démonter ou de modifier votre produit. Seul le personnel autorisé peut effectuer les réparations.
- Votre appareil n'est pas étanche ; gardez-le au sec.
- Utilisez uniquement l'adaptateur secteur fourni.

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Matériel

MWIR1 / MWIT1HD sans fil 60 GHz

Panneau avant

Témoin à diode			
Diode	**Couleur**	**Comportement**	**Indication**
Alimentation	Bleu	Clignote lentement	L'émetteur a commencé à transmettre et n'a pas encore trouvé le récepteur.
		Clignote rapidement	L'émetteur et le récepteur sont liés et communiquent entre eux.
		Allumé	Le MWIR1 et le MWIT1 ont établi une connexion audio/vidéo, le réseau est établi.
		Éteint	L'adaptateur est éteint ou en mode veille.

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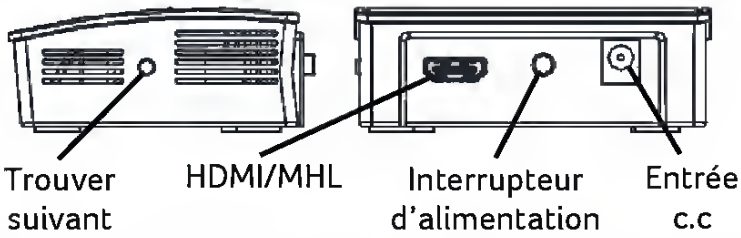
Panneau arrière



Configuration	
Trouver suivant	Appui court (< 10 secondes) pour détecter la source suivante. Cette fonction vous permet de basculer la source de l'audio/vidéo vers un autre émetteur sans fil HD à portée. Ceci interrompt la connexion en cours et déclenche une connexion à la source disponible suivante sur la liste d'appareils. Appui long (> 10 secondes) pour réinitialiser aux valeurs par défaut d'usine. Cette fonction vous permet de réinitialiser le récepteur à son état d'origine à l'expédition.
HDMI/MHL	Connectez un câble HDMI/MHL à ce port et un téléviseur ou un ordinateur.
Interrupteur d'alimentation	Appuyez pour allumer ou éteindre.
Entrée c.c	Connectez l'adaptateur secteur à la prise d'entrée d'alimentation c.c.

Installation

Étapes de configuration

1. Connectez l'émetteur à une source média, comme un ordinateur, un lecteur Blu-ray ou un Smartphone à l'aide du câble HDMI/MHL. Si vous connecté à un ordinateur, assurez-vous que la résolution en sortie de l'ordinateur est dans un format vidéo pris en charge.

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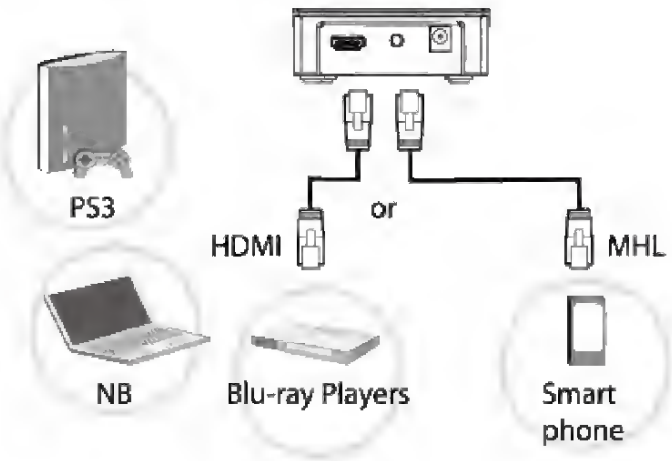
2. Connectez le récepteur au port HDMI/MHL sur le projecteur. Sélectionnez *WirelessHD* dans la liste des sources de projecteurs.
   Étape 1 L'émetteur (MWIT1)



Étape 2 Le receveur (MWIR1)

Remarques

- **Pour obtenir les meilleurs résultats, le MWIT1 et le MWIR1 devrait :**
  Être en face l'un de l'autre et être dans la même pièce. Ne devraient pas être éloignés de plus de 10 mètres (33 pieds). Le MWIT1 ne doit pas être placé dans une armoire ou sur une étagère fermée.
  Ne placez pas d'objets métalliques à proximité.
- **N'oublier pas d'allumer le projecteur et vérifiez qu'il est configuré correctement.**

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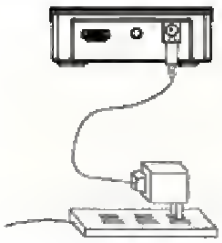
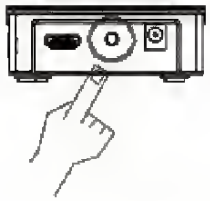
3. Vérifiez que l'émetteur est alimenté.



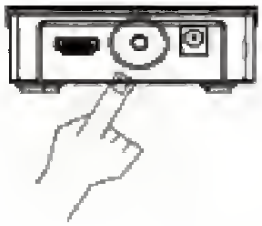
4. Allumez l'émetteur.



Sélectionner la source

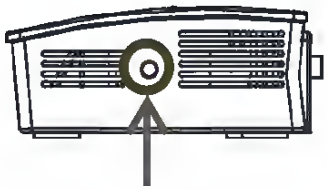
Se connecter à un émetteur différent

1. Allumez le nouvel émetteur.



Interrupteur d'alimentation

2. Appuyez le bouton *Trouver suivant* pendant 2 secondes.



Bouton Trouver suivant

3. La diode sur l'émetteur commencera à clignoter rapidement. Lorsque la nouvelle connexion a été établie, la diode cessera de clignoter et restera allumée.

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Caractéristiques

Caractéristiques		
Standards	Sans fil HD 1.1, HDMI 1.4a, MHL V2.0	
Fréquence	60 GHz	
Entrée/Sortie	HDMI/MHL -n (MWIT1), Sortie MHL x 1 (MWIR1)	
Type d'antenne	Groupe de 24 antennes	
Plage	10 mètres en utilisation en intérieur	
Port A/V	MWIT1 : 1 port (relais CEC) MWIR1 : 1 port (relais CEC)	
Caractéristiques physiques	Poids : Dimensions :	106 g (MWIT1) 120 g (MWIR1) 88,0 x 72,0 x 31,2 mm (MWIT1) 100,0 x 30,0 x 18,0 mm (MWIR1)
Alimentation de l'adaptateur	Entrée : Sortie :	C.A. 100-240 V à 50 / 60 Hz 0,3 A C.C. 5 V, 2,0 A
Voyants à diode	Un voyant d'alimentation.	
Conditions d'utilisation	Température de fonctionnement : 0 à 40° C Température de stockage : -20 à 70° C Humidité en fonctionnement : 10% to 90% (sans condensation) Humidité de stockage : 5% to 90% (sans condensation)	
Numéro SRRC	MWIT1 :	
	MWIR1 :	

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Formats vidéo

Format vidéo	Rafraîchissement vertical	Espace couleur	Échantillonnage	Pris en charge
480i (1440 x 480i)	59,94 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
480p/480pw (640 x 480p/ 720 x 480p)	59,94 / 60 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
576i (1440 x 576i)	50 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
576p/576pw (720 x 576p)	50 Hz	YCbCr	4:2:2	Oui
		YCbCr	4:4:4	Oui
		RVB	4:4:4	Oui
720p (1280 x 720p)	50 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
	59,94 / 60 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
1080i (1920 x 1080i)	50 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
	59,94 / 60 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui

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1080p (1920 x 1080p)	23,976 / 24 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
	50 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
	59,94 / 60 Hz	YCbCr	4:2:2	Oui
			4:4:4	Oui
		RVB	4:4:4	Oui
VGA (640 x 480)	59,94 Hz	RVB	4:4:4	Oui
SVGA (800 x 600)	60 Hz	RVB	4:4:4	Oui
XGA (1024 x 768)	60 Hz	RVB	4:4:4	Oui
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RVB	4:4:4	Oui
SXGA (1280 x 1024)	60 Hz	RVB	4:4:4	Oui
WSXGA+ (1680 x 1050)	60 Hz	RVB	4:4:4	Oui

Formats vidéo 3D	
Combinaison de trame	1080p à 24 Hz
	720p à 50/60 Hz
Haut à bas	1080p à 24 Hz
	720p à 50/60 Hz
Côte à côte	720i à 50/60 Hz 1080i à 50/60 Hz 1080p à 50/60 Hz

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Formats audio

Taux d'échantillonnage audio						
LPCM 2/6/8 canaux					LPCM 2 canaux	
32 kHz	44,1 kHz	48 kHz	88,2 kHz	96 kHz	176,4 kHz	192 kHz
Pris en charge					Pris en charge	

*Les caractéristiques peuvent être modifiées sans préavis.

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60 GHz WLAN HD Transceiver MWIHD1 Bedienungsanleitung

Einleitung

Packungsinhalt

Die folgenden Artikel sollten enthalten sein:

- Sendeeinheit (MWIT1)
- Empfangseinheit (MWIR1)
- HDMI® Kabel
- Bedienungsanleitung
- Garantie
- Netzteil
- MHL-Kabel

Wenn einer der oben genannten Artikel beschädigt oder nicht vorhanden ist, kontaktieren Sie bitte umgehend Ihren Händler.

Sicherung Verwendung des Produktes

- Behandeln Sie das Produkt immer sorgfältig und bewahren Sie es an einem sauberen und staubfreien Ort auf.
- Setzen Sie das Produkt keine Flüssigkeiten, Nässe oder Feuchtigkeit aus.
- Setzen Sie das Produkt keinen Temperaturen über 40°C während des Betriebs aus.
- Das Produkt nicht fallenlassen oder werfen.
- Das Produkt nicht auseinandernehmen oder modifizieren. Wartungsarbeiten dürfen nur von Fachpersonal durchgeführt werden.
- Das Gerät ist nicht wasserdicht, halten Sie es trocken.
- Verwenden Sie nur das beiliegende Netzteil.

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Hardware

60 GHz WLAN HD MWIR1 / MWIT1

Vorderseite

LED-Anzeige			
LED	**Farbe**	**Verhalten**	**Anzeige**
Ein/Aus	Blau	Blinkt langsam	Der Sender hat mit dem Senden begonnen und dem Empfänger noch nicht gefunden.
		Blinkt schnell	Sender und Empfänger sind miteinander verbunden und kommunizieren miteinander.
		Ein	MWIR1 und MWIT1 haben eine Audio/Video-Verbindung hergestellt, das Netzwerk ist hergestellt.
		Aus	Der Adapter ist ausgeschaltet oder im Standbymodus.

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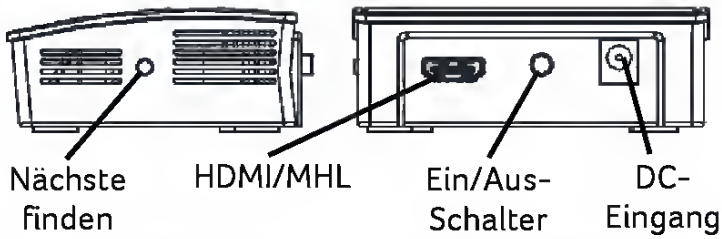
Rückseite



Konfiguration	
Nächste finden	Langsam drücken (< 10 Sekunden), um die nächste Quelle zu suchen. Mit dieser Funktion können die Audio/Video-Quelle auf einen WLAN HD Sender in Reichweite wechseln. Dies trennt die aktuelle Verbindung und startet eine Verbindung mit der nächsten verfügbaren Quelle in der Geräteliste. Lang drücken (> 10 Sekunden), um auf Standardwerte zurückzusetzen. Mit dieser Funktion können Sie den Empfänger auf den Werkszustand zurücksetzen.
HDMI/MHL	Schließen Sie ein HDMI/MHL Kabel an diesen Port und einen Fernseher oder Computer an.
Ein/Aus-Schalter	Drücken Sie diese Taste, um das Gerät ein- und auszuschalten.
DC-Eingang	Schließen Sie das Netzteil an die DC-Eingangsbuchse an.

Installation

Einrichtungsschritte

1. Verbinden Sie den Sender mit dem HDMI/MHL-Kabel mit einer Medienquelle wie z.B. einem Computer, Blu-ray Player oder einem Smartphone. Stellen Sie beim Anschluss an einen Computer sicher, dass die

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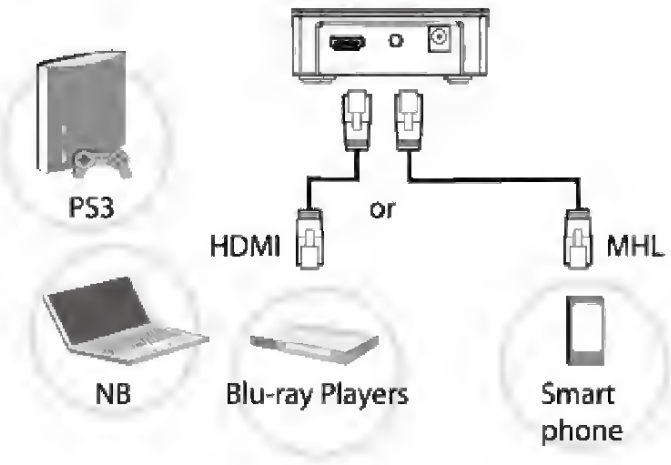
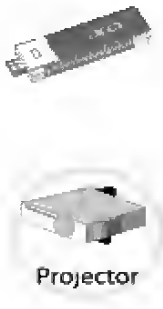
Ausgangsauflösung des Computers der eines unterstützten Videoformats entspricht.

2. Verbinden Sie den Empfänger mit dem HDMI/MHL-Anschluss am Projektor. Wählen *WirelessHD* aus der Quellliste des Projektors.

Schritt 1 Der Sender (MWIT1)



Schritt 2 Der Empfänger (MWIR1)



Notizen

- **Für optimale Ergebnisse sollten der MWIT1 und MWIR1:**
  Sich gegenüberstehen und im selben Raum sein.
  Nicht mehr als 10 Meter voneinander entfernt sein.
  MWIT1 solltenicht einen Schrank oder ein geschlossenes Regal gestellt werden.
  Nicht in der Nähe von Metallgegenständen aufstellen.
- **Vergessen Sie nicht den Projektor einzuschalten und stellen Sie sicher, dass er richtig eingerichtet ist.**

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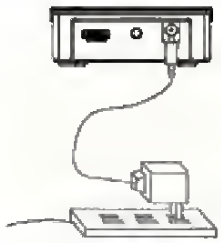
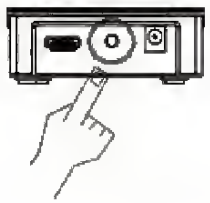
3. Prüfen Sie, dass der Sender eingeschaltet ist.



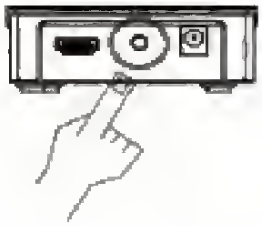
4. Schalten Sie den Sender ein.



Auswahl der Quelle

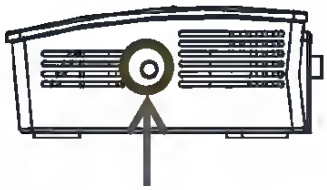
Verbindung mit einem anderen Sender

1. Schalten Sie den neuen Sender ein.



Ein/Aus-Schalter

2. Drücken Sie 2 Sekunden lang auf *Nächste finden*.



Nächste finden Taste

3. Die LED am Sender wird anfangen schnell zu blinken. Wenn die neue Verbindung hergestellt wurde, wird die LED aufhören zu blinken und dauerhaft leuchten.

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Technische Daten

Technische Daten	
Standards	WLAN HD 1.1, HDMI 1.4a, MHL V2.0
Frequenz	60 GHz
Eingang/Ausgang	HDMI/MHL -n (MWIT1), MHL Ausgang x 1 (MWIR1)
Antennentyp	24 Antennenanordnung
Bereich	10 Meter Nutzung innen
A/V-Anschluss	MWIT1: 1 Anschluss (CEC Passthrough) MWIR1: 1 Anschluss (CEC Passthrough)
Physikalische Daten	Gewicht: 106 g (MWIT1) 120 g (MWIR1) Abmessungen: 88,0 x 72,0 x 31,2 mm (MWIT1) 100,0 x 30,0 x 18,0 mm (MWIR1)
Netzteil	Eingang: AC 100 bis 240 V bei 50 / 60 Hz 0,3 A Ausgang: DC 5 V 2,0 A
LED-Anzeigen	Eine Netzanzeige.
Betriebsumgebung	Betriebstemperatur: 0 bis 40° C Lagertemperatur: -20 bis 70° C Betriebsluftfeuchtigkeit: 10% bis 90% (nicht kondensierend) Lagerluftfeuchtigkeit: 5% bis 90% (nicht kondensierend)
SRRC Nummer	MWIT1:
	MWIR1:

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Videoformate

Videoformat	Vertikale Aktualisierung	Farbraum	Abtastung	Unterstützt
480i (1440 x 480i)	59,94 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
480p/480pw (640 x 480p/ 720 x 480p)	59,94 / 60 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
576i (1440 x 576i)	50 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
576p/576pw (720 x 576p)	50 Hz	YCbCr	4:2:2	Ja
		YCbCr	4:4:4	Ja
		RGB	4:4:4	Ja
720p (1280 x 720p)	50 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
	59,94 / 60 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
1080i (1920 x 1080i)	50 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
	59,94 / 60 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja

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1080p (1920 x 1080p)	23,976 / 24 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
	50 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
	59,94 / 60 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
VGA (640 x 480)	59,94 Hz	RGB	4:4:4	Ja
SVGA (800 x 600)	60 Hz	RGB	4:4:4	Ja
XGA (1024 x 768)	60 Hz	RGB	4:4:4	Ja
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RGB	4:4:4	Ja
SXGA (1280 x 1024)	60 Hz	RGB	4:4:4	Ja
WSXGA+ (1680 x 1050)	60 Hz	RGB	4:4:4	Ja

3D Videoformate	
Frame Packing	1080p @ 24 Hz
	720p @ 50/60 Hz
Oben nach unten	1080p @ 24 Hz
	720p @ 50/60 Hz
Seite an Seite	720i @ 50/60 Hz 1080i @ 50/60 Hz 1080p @ 50/60 Hz

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Audioformate

Audio Abtastrate						
LPCM 2/6/8-Kanal					LPCM 2-Kanal	
32 kHz	44,1 kHz	48 kHz	88,2 kHz	96 kHz	176,4 kHz	192 kHz
Unterstützt					Unterstützt	

*Die technischen Daten des Produktes können ohne Ankündigung geändert werden.

FCC Statement:
Federal Communication Commission Interference Statement

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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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IMPORTANT NOTE:
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CE Statement:
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Ricetrasmettitore HD wireless da 60 GHz Guida per l'utente di MWIHD1

Introduzione

Contenuto della confezione

Devono essere presenti i seguenti articoli:

- Unità del trasmettitore (MWIT1)
- Unità del ricevitore (MWIR1)
- Cavo HDMI®
- Guida per l'utente
- Garanzia
- Adattatore di alimentazione
- Cavo MHL

Se uno degli elementi di cui sopra è danneggiato o mancante, si prega di contattare immediatamente il fornitore.

Utilizzo del prodotto in modo sicuro

- Trattare sempre il prodotto con cura e conservarlo in un luogo pulito e privo di polvere.
- Non esporre il prodotto a liquidi, condensa o umidità.
- Non esporre il prodotto a temperature superiori a 40 °C durante il funzionamento.
- Non far cadere o lanciare il prodotto.
- Non tentare di smontare o modificare il prodotto. Le riparazioni devono essere effettuate solo da personale autorizzato.
- Il dispositivo non è impermeabile; tenerlo asciutto.
- Utilizzare solo l'adattatore CA fornito in dotazione.

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Hardware

60 GHz Wireless HD MWIR1 / MWIT1

Pannello anteriore

Indicatore LED			
LED	**Colore**	**Comportamento**	**Indicazione**
Alimentazione	Blu	Lampeggio lento	Il trasmettitore ha iniziato la trasmissione e non ha ancora trovato il ricevitore.
		Lampeggio rapido	Il trasmettitore e il ricevitore sono collegati e comunicanti tra loro.
		Acceso	MWIR1 e MWIT1 hanno stabilito un collegamento audio/video, la rete è attiva.
		Disattivo	L'adattatore è spento o in modalità di sospensione.

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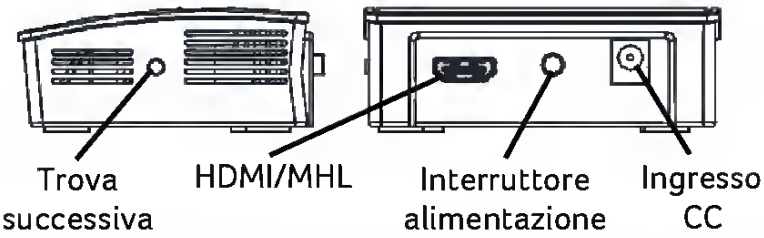
Pannello posteriore



Configurazione	
Trova successiva	Premere brevemente (< 10 secondi) per rilevare la sorgente successiva. Questa funzione consente di commutare la sorgente audio/video a un altro trasmettitore Wireless HD all'interno del raggio. Questo disconnette la connessione corrente ed attiva una connessione alla sorgente successiva disponibile nell'elenco dei dispositivi. Premere a lungo (> 10 secondi) per ripristinare alle impostazioni predefinite di fabbrica. Questa funzione consente di ripristinare il ricevitore alla condizione di spedizione originale.
HDMI/MHL	Collegare un cavo HDMI/MHL a questa porta e a un televisore o un computer.
Interruttore alimentazione	Premere per accendere o spegnere l'apparecchio.
Ingresso CC	Collegare l'adattatore di alimentazione alla presa di ingresso CC.

Installazione

Passaggi di configurazione

1. Collegare il trasmettitore a una sorgente multimediale, come un computer, lettore Blu-ray o smartphone utilizzando il cavo HDMI/MHL. Se collegato a un computer, assicurarsi che la risoluzione di uscita del computer sia in un formato video supportato.

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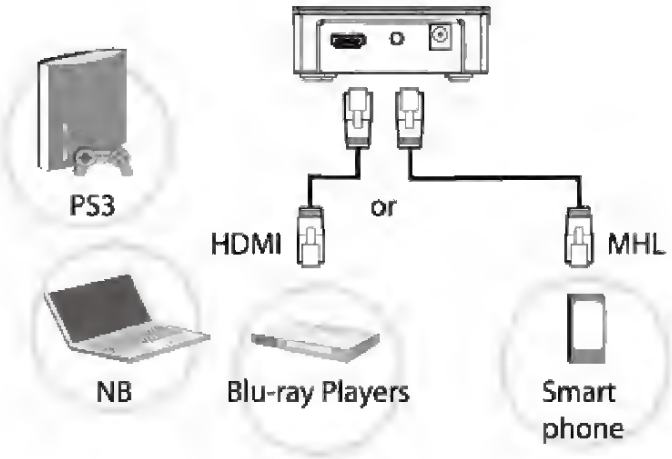
2. Collegare il ricevitore alla porta HDMI/MHL del proiettore. Selezionare *WirelessHD* dall'elenco delle sorgenti del proiettore.
   Passo 1 Il trasmettitore (MWIT1)



Passo 2 Il ricevitore (MWIR1)

Note

- **Per ottenere risultati ottimali, il MWIT1 e il MWIR1 devono:**
  essere uno di fronte all'altro e trovarsi nella stessa stanza. Non trovarsi a più di 10 metri di distanza.
  MWIT1 non deve essere riposto in un mobile o su uno scaffale chiuso.
  Non posizionare vicino a oggetti metallici.
- **Non dimenticare di accendere il proiettore e assicurarsi che sia configurato correttamente.**

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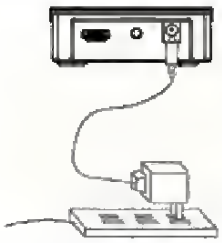
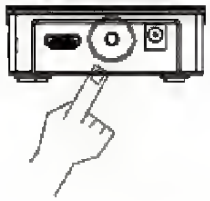
3. Verificare che il trasmettitore sia alimentato.



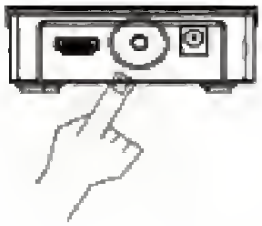
4. Accendere il trasmettitore.



Selezione della sorgente

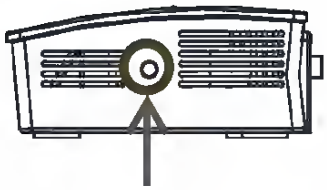
Collegamento a un trasmettitore diverso

1. Accendere il nuovo trasmettitore.



Interruttore alimentazione

2. Premere il pulsante *Trova successiva* per 2 secondi.



Trova il pulsante Avanti

3. Il LED sul trasmettitore inizia a lampeggiare rapidamenye. Una volta stabilita la nuova connessione, il LED smette di lampeggiare e rimane acceso.

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Specifiche

Specifiche	
Standard	Wireless HD 1.1, HDMI 1.4a, MHL V2.0
Frequenza	60 GHz
Ingresso/uscita	HDMI/MHL -n (MWIT1), Uscita MHL x 1 (MWIR1)
Tipo di antenna	Gruppo di 24 antenne
Intervallo	10 metri utilizzo nella stanza
Porta A/V	MWIT1: 1 porta (CEC pass through) MWIR1: 1 porta (CEC pass through)
Caratteristiche fisiche	Peso: 106 g (MWIT1) 120 g (MWIR1) Dimensioni: 88,0 x 72,0 x 31,2 mm (MWIT1) 100,0 x 30,0 x 18,0 mm (MWIR1)
Alimentazione dell'adattatore	Ingresso: CA da 100 a 240 V a 50 / 60 Hz 0,3 A Uscita: CC 5 V 2,0 A
Indicatori LED	Un indicatore di alimentazione.
Ambiente operativo	Temperatura operativa: da 0 a 40° C Temperatura di stoccaggio: da -20 a 70° C Umidità operativa: da 10% a 90% (senza condensa) Umidità di stoccaggio: da 5% a 90% (senza condensa)
Numero SRRC	MWIT1:
	MWIR1:

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Formati video

Formato video	Aggiornamento verticale	Spazio colore	Campionamento	Supportato
480i (1440 x 480i)	59,94 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
480p/480pw (640 x 480p/ 720 x 480p)	59,94 / 60 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
576i (1440 x 576i)	50 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
576p/576pw (720 x 576p)	50 Hz	YCbCr	4:2:2	Sì
		YCbCr	4:4:4	Sì
		RGB	4:4:4	Sì
720p (1280 x 720p)	50 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
	59,94 / 60 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
1080i (1920 x 1080i)	50 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
	59,94 / 60 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì

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1080p (1920 x 1080p)	23,976 / 24 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
	50 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
	59,94 / 60 Hz	YCbCr	4:2:2	Sì
			4:4:4	Sì
		RGB	4:4:4	Sì
VGA (640 x 480)	59,94 Hz	RGB	4:4:4	Sì
SVGA (800 x 600)	60 Hz	RGB	4:4:4	Sì
XGA (1024 x 768)	60 Hz	RGB	4:4:4	Sì
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RGB	4:4:4	Sì
SXGA (1280 x 1024)	60 Hz	RGB	4:4:4	Sì
WSXGA+ (1680 x 1050)	60 Hz	RGB	4:4:4	Sì

Formati video 3D	
Frame packing	1080p @ 24 Hz
	720p @ 50/60 Hz
Dall'alto in basso	1080p @ 24 Hz
	720p @ 50/60 Hz
Fianco a fianco	720i @ 50/60 Hz 1080i @ 50/60 Hz 1080p @ 50/60 Hz

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Formati audio

Frequenza di campionamento audio						
LPCM 2/6/8 canali					LPCM 2 canali	
32 kHz	44,1 kHz	48 kHz	88,2 kHz	96 kHz	176,4 kHz	192 kHz
Supportato					Supportato	

*Le specifiche possono essere soggette a cambiamenti senza preavviso.

FCC Statement:
Federal Communication Commission Interference Statement
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- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
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IMPORTANT NOTE:
FCC Radiation Exposure Statement:
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CE Statement:
This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

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Transceptor HD inalámbrico 60 GHz Manual de usuario del MWIHD1

Introducción

Contenido de la caja

La caja debería incluir los siguientes artículos:

- Unidad transmisora (MWIT1)
- Unidad receptora (MWIR1)
- Cable HDMI®
- Manual de usuario
- Garantía
- Adaptador de corriente
- Cable MHL

Si alguno de los artículos anteriores falta de la caja o está dañado, póngase en contacto inmediatamente con su proveedor.

Utilización segura del producto

- Trate su producto con cuidado en todo momento y manténgalo en un lugar limpio y sin polvo.
- No exponga el producto a líquidos ni a la humedad.
- No someta el producto a temperaturas superiores a los 40 °C mientras esté en funcionamiento.
- No deje caer ni arroje el producto.
- No intente desmontar ni modificar el producto. Las tareas de reparación solo debe efectuarlas el personal autorizado.
- Este dispositivo no es impermeable, manténgalo seco.
- Utilice únicamente el adaptador de CA incluido.

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Hardware

MWIR1/MWIT1 inalámbrico HD 60 GHz

Panel frontal

Indicador LED			
LED	**Color**	**Comportamiento**	**Indicación**
Alimentación	Azul	Parpadeo lento	El transmisor ha iniciado la transmisión pero aún no ha encontrado el receptor.
		Parpadeo rápido	El transmisor y el receptor están vinculados y se están comunicando entre sí.
		Encendido	El MWIR1 y el MWIT1 han establecido una conexión de audio/vídeo, la red está establecida.
		Apagado	El adaptador está apagado o en el modo de suspensión.

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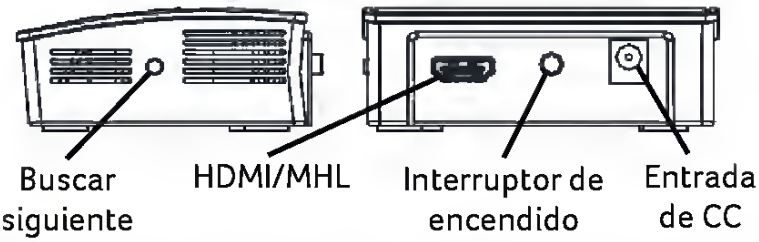
Panel trasero



Configuración	
Buscar siguiente	Pulsar brevemente (< 10 segundos) para detectar la siguiente fuente. Esta función le permite conmutar la fuente de audio/vídeo a otro transmisor HD inalámbrico que se encuentre dentro del alcance. Desconecta la conexión actual y activa una conexión con la siguiente fuente disponible de la lista de dispositivos. Mantener pulsada (> 10 segundos) para restablecer a los valores predeterminados de fábrica. Esta función le permite restablecer el receptor al estado de envío original.
HDMI/MHL	Conecte un cable HDMI/MHL a este puerto y a un televisor u ordenador.
Interruptor de encendido	Pulsar para encender o apagar el dispositivo.
Entrada de CC	Conecte el adaptador de corriente a la toma de entrada de CC de alimentación.

Instalación

Pasos de configuración

1. Conecte el transmisor a una fuente de contenido multimedia, como un ordenador, reproductor Blu-ray o smartphone utilizando el cable HDMI/MHL. Si lo conecta a un ordenador, asegúrese de que la resolución de salida del ordenador corresponda a un

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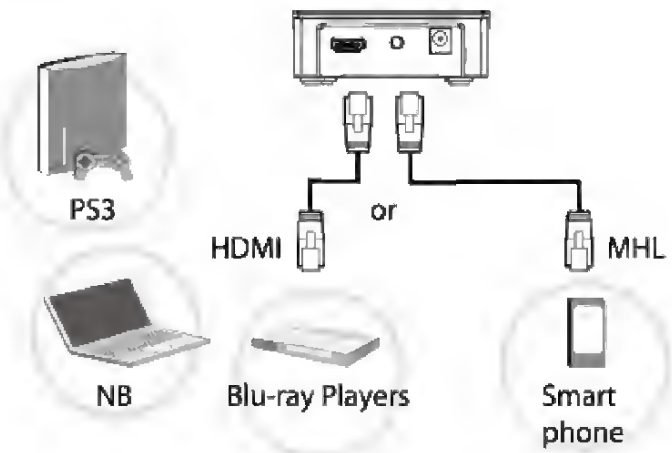
formato de vídeo compatible.

2. Conecte el receptor al puerto HDMI/MHL del proyector. Seleccione *WirelessHD* en la lista de fuentes del proyector.

Paso 1 El transmisor (MWIT1)



Paso 2 El receptor (MWIR1)

Notas

- **Para lograr los mejores resultados posibles el MWIT1 y el MWIR1 deben:**
  Estar orientados uno hacia el otro y encontrarse en la misma sala. Estar separados por una distancia inferior a 10 metros (33 pies). El MWIT1 no debe colocarse en un armario ni en una estantería cerrada.
  No lo coloque cerca de objetos metálicos.
- **No olvide encender el proyector y asegurarse de que se encuentra correctamente configurado.**

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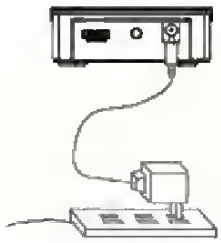
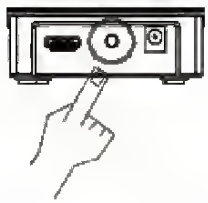
3. Asegúrese de que el transmisor se encuentra encendido.



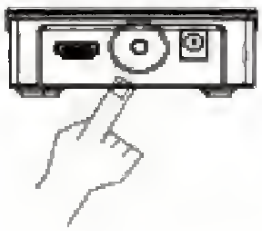
4. Encienda el transmisor.



Seleccione la fuente

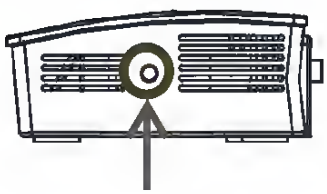
Conexión a un transmisor distinto

1. Encienda el nuevo transmisor.



Interruptor de encendido

2. Pulse el botón *Buscar siguiente* durante 2 segundos.



Botón Buscar siguiente

3. El LED del transmisor empezará a parpadear rápidamente. Cuando se haya establecido la nueva conexión, el LED dejará de parpadear y permanecerá encendido.

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Especificaciones

Especificaciones	
Estándares	HD inalámbrico 1.1, HDMI 1.4a, MHL V2.0
Frecuencia	60 GHz
Entrada/salida	HDMI/MHL -n (MWIT1), 1 salida MHL (MWIR1)
Tipo de antena	Matriz de 24 antenas
Alcance	Uso de 10 metros en salas
Puerto de A/V	MWIT1: 1 puerto (pasarela CEC) MWIR1: 1 puerto (pasarela CEC)
Características físicas	Peso: 106 g (MWIT1) 120 g (MWIR1) Dimensiones: 88,0 × 72,0 × 31,2 mm (MWIT1) 100,0 × 30,0 × 18,0 mm (MWIR1)
Adaptador de corriente	Entrada: CA de 100 a 240 V a 50/60 Hz 0,3 A Salida: CC de 5 V 2,0 A
Indicadores LED	Un indicador de alimentación.
Entorno de funcionamiento	Temperatura de funcionamiento: de 0 a 40 °C Temperatura de almacenamiento: de -20 a 70 °C Humedad de funcionamiento: del 10% al 90 % (sin condensación) Humedad de almacenamiento: del 5% al 90 % (sin condensación)
Número SRRC	MWIT1:
	MWIR1:

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Formatos de vídeo

Formato de vídeo	Actualización vertical	Espacio de color	Muestreo	Compatible
480i (1440 × 480i)	59,94 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
480p/480pw (640 × 480p/720 × 480p)	59,94/60 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
576i (1440 × 576i)	50 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
576p/576pw (720 × 576p)	50 Hz	YCbCr	4:2:2	SÍ
		YCbCr	4:4:4	SÍ
		RGB	4:4:4	SÍ
720p (1280 × 720p)	50 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
	59,94/60 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
1080i (1920 × 1080i)	50 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
	59,94/60 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ

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1080p (1920 × 1080p)	23,976/ 24 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
	50 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
	59,94/60 Hz	YCbCr	4:2:2	SÍ
			4:4:4	SÍ
		RGB	4:4:4	SÍ
VGA (640 × 480)	59,94 Hz	RGB	4:4:4	SÍ
SVGA (800 × 600)	60 Hz	RGB	4:4:4	SÍ
XGA (1024 × 768)	60 Hz	RGB	4:4:4	SÍ
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RGB	4:4:4	SÍ
SXGA (1280 × 1024)	60 Hz	RGB	4:4:4	SÍ
WSXGA+ (1680 × 1050)	60 Hz	RGB	4:4:4	SÍ

Formatos de vídeo en 3D	
Empaquetamiento de cuadros	1080p a 24 Hz
	720p a 50/60 Hz
De arriba a abajo	1080p a 24 Hz
	720p a 50/60 Hz
Lado a lado	720i a 50/60 Hz 1080i a 50/60 Hz 1080p a 50/60 Hz

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Formato de audio

Tasa de muestreo de audio						
LPCM 2/6/8 canales					LPCM 2 canales	
32 kHz	44,1 kHz	48 kHz	88,2 kHz	96 kHz	176,4 kHz	192 kHz
Compatible					Compatible	

*Las especificaciones están sujetas a cambios sin previo aviso.

FCC Statement:
Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

CE Statement:
This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

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Transceptor HD 60 GHz Sem fios Manual do Utilizador do MWIHD1

Introdução

Conteúdo da embalagem

Devem estar incluídos os seguintes itens:

- Unidade Transmissora (MWIT1)
- Unidade Receptora (MWIR1)
- Cabo HDMI®
- Manual do Utilizador
- Garantia
- Transformador
- Cabo MHL

Se algum dos itens acima estiver danificado ou em falta, contacte de imediato o fornecedor.

Usar o produto em segurança

- Trate sempre o produto com cuidado, e mantenha-o num local limpo e sem pó.
- Não exponha o produto a líquidos, vapores ou humidade.
- Não exponha o produto a temperaturas acima dos 40º C quando em funcionamento.
- Não deixe cair nem atire o produto.
- Não tente desmontar nem modificar o produto. Apenas pessoal autorizado deverá realizar reparações.
- O dispositivo não è à prova de água; mantenha-o seco.
- Use apenas o transformador CA fornecido.

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Hardware

60 GHz HD Sem Fios MWIR1 / MWIT1

Painel frontal

Indicador LED			
LED	**Cor**	**Comportamento**	**Indicação**
Alimentação	Azul	Piscar lento	O transmissor iniciou a transmissão e ainda não localizou ou receptor.
		Piscar rápido	O transmissor e receptor estão conectados e a comunicar entre si.
		Ligado	O MWIR1 e MWIT1 estabeleceram uma ligação áudio/vídeo, a rede foi estabelecida.
		Desligado	O adaptador está desligado, ou no modo de suspensão.

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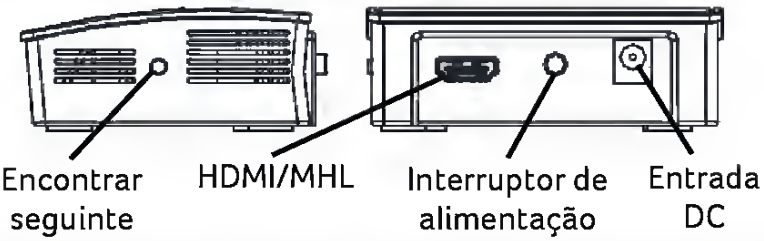
Painel traseiro



Configuração	
Encontrar seguinte	Pressionar curto (< 10 segundos) para detectar a fonte seguinte. Esta função permite-lhe mudar a fonte áudio/vídeo para outro transmissor Sem Fios HD ao alcance. Isto desliga a ligação actual e activa uma ligação à fonte disponível seguinte na lista de dispositivos. Pressionar longo (> 10 segundos) para repor as predefinições. Esta função permite-lhe repor o receptor às condições originais com que foi enviado.
HDMI/MHL	Ligue um cabo HDMI/MHL a esta porta e a uma TV ou computador.
Interruptor de alimentação	Prima para ligar ou desligar a alimentação.
Entrada DC	Ligue o transformador à tomada de entrada DC de alimentação.

Instalação

Passos de configuração

1. Ligue o transmissor a uma fonte multimédia, como um computador, leitor Blu-ray ou smartphone, usando o cabo HDMI/MHL. Se ligar a um computador, certifique-se que a resolução de saída do computador está num formato vídeo suportado.
2. Ligue o receptor à porta HDMI/MHL no projector. Seleccione *WirelessHD* da lista de fontes do projector.

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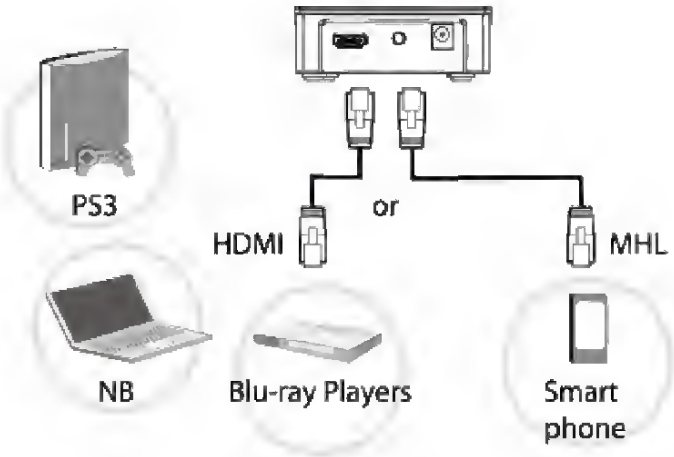
Passo 1 O transmissor (MWIT1)



Passo 2 O receptor (MWIR1)

Notas

- **Para os melhores resultados, o MWIT1 e MWIR1 devem:**
  Estar frente a frente e na mesma divisão. Estar a menos de 33 pés (10 metros) de distância um do outro. O MWIT1 não deverá ser colocado num armário nem prateleira fechada.
  Não o coloque perto de objectos metálicos.
- **Não se esqueça de ligar o projector e certifique-se que está correctamente configurado.**

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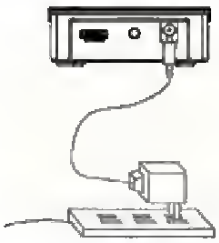
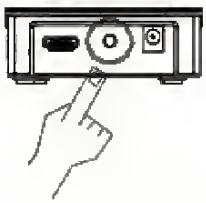
3. Verifique se o transmissor está ligado.



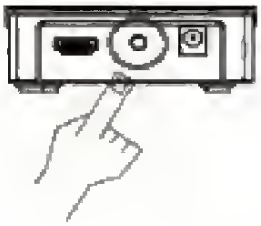
4. Ligue o transmissor.



Seleccione a fonte

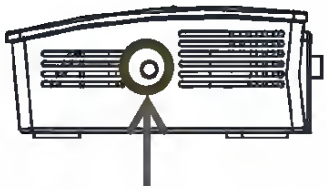
Ligar a um transmissor diferente

1. Ligue o novo transmissor.



Interruptor de alimentação

2. Prima o botão *Encontrar seguinte* durante 2 segundos.



Botão Encontrar seguinte

3. A LED no transmissor irá começar a piscar rapidamente. Quando a nova ligação tiver sido estabelecida, a LED irá parar de piscar, para ficar acesa.

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Especificações

Especificações	
Normas	Wireless HD 1.1, HDMI 1.4a, MHL V2.0
Frequência	60 GHz
Entrada/saída	HDMI/MHL -n (MWIT1), saída MHL x 1 (MWIR1)
Tipo de antena	Conjunto de 24 antenas
Alcance	10 metros, em utilização dentro de uma divisão
Porta A/V	MWIT1: 1 porta (passagem CEC) MWIR1: 1 porta (passagem CEC)
Físicas	Peso: 106 g (MWIT1) 120 g (MWIR1) Dimensões: 88,0 x 72,0 x 31,2 mm (MWIT1) 100,0 x 30,0 x 18,0 mm (MWIR1)
Transformador	Entrada: 100 a 240 V CA a 50 / 60 Hz 0,3 A Saída: DC 5 V 2,0 A
Indicadores LED	Um indicador de alimentação.
Condições ambientais	Temperatura em funcionamento: 0 a 40° C Temperatura em armazenamento: -20 a 70° C Humidade em funcionamento: 10% a 90% (sem condensação) Humidade em armazenamento: 5% a 90% (sem condensação)
Número SRRC	MWIT1:
	MWIR1:

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Formatos vídeo

Formato vídeo	Actualização vertical	Gama de cor	Amostragem	Suportado
480i (1440 x 480i)	59,94 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
480p/480pw (640 x 480p/ 720 x 480p)	59,94 / 60 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
576i (1440 x 576i)	50 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
576p/576pw (720 x 576p)	50 Hz	YCbCr	4:2:2	Sim
		YCbCr	4:4:4	Sim
		RGB	4:4:4	Sim
720p (1280 x 720p)	50 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
	59,94 / 60 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
1080i (1920 x 1080i)	50 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
	59,94 / 60 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim

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1080p (1920 x 1080p)	23,976 / 24 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
	50 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
	59,94 / 60 Hz	YCbCr	4:2:2	Sim
			4:4:4	Sim
		RGB	4:4:4	Sim
VGA (640 x 480)	59,94 Hz	RGB	4:4:4	Sim
SVGA (800 x 600)	60 Hz	RGB	4:4:4	Sim
XGA (1024 x 768)	60 Hz	RGB	4:4:4	Sim
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RGB	4:4:4	Sim
SXGA (1280 x 1024)	60 Hz	RGB	4:4:4	Sim
WSXGA+ (1680 x 1050)	60 Hz	RGB	4:4:4	Sim

Formatos vídeo 3D	
Formato Frame Packing	1080p @ 24 Hz
	720p @ 50/60 Hz
Topo para fundo	1080p @ 24 Hz
	720p @ 50/60 Hz
Lado a lado	720i @ 50/60 Hz 1080i @ 50/60 Hz 1080p @ 50/60 Hz

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Formatos áudio

Taxa de amostragem áudio						
LPCM 2/6/8-canais					LPCM 2-canais	
32 kHz	44,1 kHz	48 kHz	88,2 kHz	96 kHz	176,4 kHz	192 kHz
Suportado					Suportado	

*As especificações estão sujeitas a alteração sem aviso prévio.

FCC Statement:
Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

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- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

CE Statement:
This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

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60 GHz 無線 HD 收發器
MWIHD1 使用手冊

簡介

包裝內容物

包裝內應包含以下項目：

- 傳輸器單元 (MWIT1)
- 接收器單元 (MWIR1)
- HDMI® 傳輸線
- 使用手冊
- 保固
- 變壓器
- MHL 傳輸線

若以上物品遺失或損壞，請立即聯絡供應商。

安全使用本產品

- 請隨時善待您的產品，將產品保持在乾淨無灰塵的空間。
- 請勿將產品暴露於液體、潮濕、或濕氣中。
- 操作產品時，請勿將產品暴露於超過 40° C 的溫度中。
- 請勿讓產品掉落。
- 請勿嘗試拆解或修改產品。僅能讓授權人員維修本產品。
- 您的裝置並不防水，請保持乾燥。
- 僅能使用隨附的 AC 變壓器。

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硬體

60 GHz 無線 HD MWIR1 / MWIT1

前面板

LED 指示燈			
LED	**顏色**	**行為**	**指示**
電源	藍色	緩慢閃爍	傳輸器已經開始傳輸，且沒有找到接收器。
		快速閃爍	傳輸器已經與接收器連線，雙方通訊正常。
		開啟	MWIR1 與 MWIT1 已經建立影音連線，已經成功建立網路。
		關閉	變壓器關閉，或處於睡眠模式。

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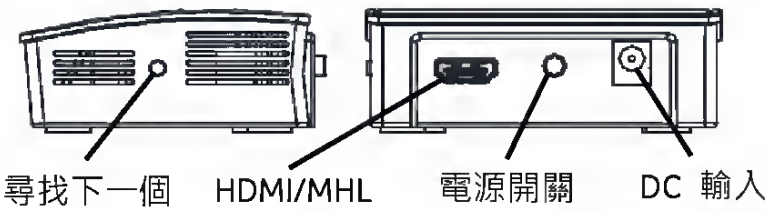
後面板



配置	
尋找下一個	短按 (< 10 秒) 以偵測下一個來源。此功能可讓您將影音來源切換至範圍內的另一個無線 HD 傳輸器。這麼做會中斷目前的連線，並觸發連線至裝置清單上的下一組可用來源。 長按 (> 10 秒) 以重設為原廠預設值。此功能可讓您重設接收器至出廠時的原始設定。
HDMI/MHL	將 HDMI/MHL 傳輸線連接到此連接埠以及電視或電腦。
電源開關	按下以開啟或關閉電源。
DC 輸入	將電源變壓器接到 DC 電源輸入插孔。

安裝

設定步驟

1. 使用 HDMI/MHL 傳輸線將傳輸器連接至媒體來源，如電腦、藍光撥放器或智慧型手機。若連接至電腦，請確認電腦的輸出解析度支援影像格式。

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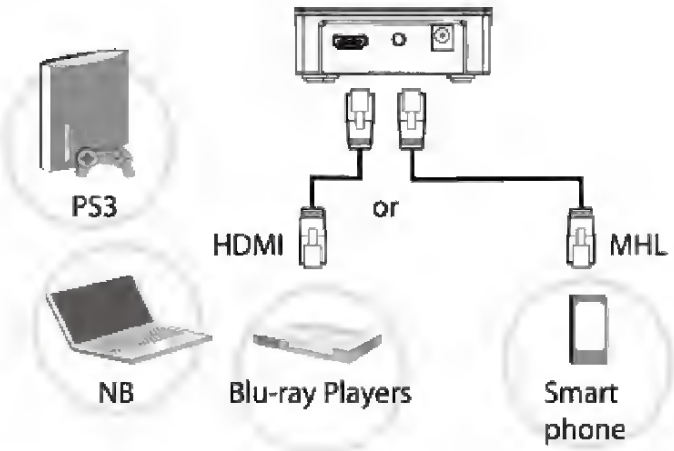
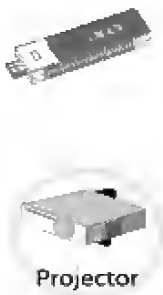
2. 連接接收器至投影機上的 HDMI/MHL 連接埠。從投影機來源清單選取 *WirelessHD*。

步驟 1 傳輸器 (MWIT1)



步驟 2 接收器 (MWIR1)



注意

- **為求最佳效能，MWIT1 與 MWIR1 應：**
  面對彼此，並放置於同個房間內。裝置間的距離不應超過 33 英尺 (10 公尺)。MWIT1 不應放置於櫥櫃或密閉的架上。
  請勿將裝置靠近金屬物體。
- **請不要忘記開啟投影機並確認其已正確設定。**

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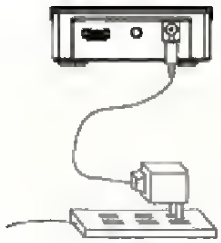
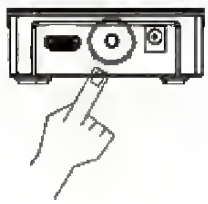
3. 請檢查傳輸器是否已接上電源。



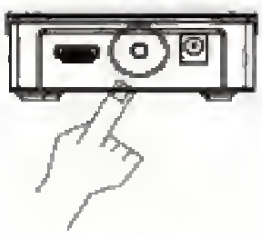
4. 開啟傳輸器。



選取來源

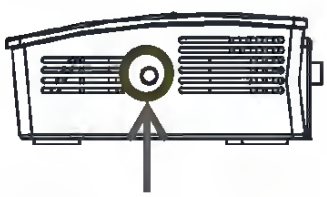
連接至不同的傳輸器

1. 開啟新的傳輸器。



電源開關

2. 按下*尋找下一個*按鈕 2 秒。



「尋找下一個」按鈕

3. 傳輸器上的 LED 會開始快速閃爍。新的連線建立後，LED 會停止閃爍並保持恆亮。

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規格

規格	
標準	無線 HD 1.1、HDMI 1.4a、MHL V2.0
頻率	60 GHz
輸入 / 輸出	HDMI/MHL -n (MWIT1) 、 MHL 輸出 x 1 (MWIR1)
天線類型	24 天線陣列
範圍	室內使用為 10 公尺
A/V 連接埠	MWIT1：1 連接埠 (CEC 傳遞) MWIR1：1 連接埠 (CEC 傳遞)
物理	重量： 106 g (MWIT1) 120 g (MWIR1) 尺寸： 88.0 x 72.0 x 31.2 mm (MWIT1) 100.0 x 30.0 x 18.0 mm (MWIR1)
變壓器電源	輸入： AC 100 至 240 V 於 50 / 60 Hz 0.3 A 輸出： DC 5 V 2.0 A
LED 指示燈	一組電源指示燈。
操作環境	操作溫度：0 至 40° C 儲存溫度：-20 至 70° C 操作溼度：10% 至 90% (非凝結) 儲存濕度：5% 至 90% (非凝結)
SRRC 編號	MWIT1：
	MWIR1：

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影像格式

影像格式	垂直更新	色域	取樣	支援
480i (1440 x 480i)	59.94 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
480p/480pw (640 x 480p/ 720 x 480p)	59.94 / 60 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
576i (1440 x 576i)	50 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
576p/576pw (720 x 576p)	50 Hz	YCbCr	4:2:2	是
		YCbCr	4:4:4	是
		RGB	4:4:4	是
720p (1280 x 720p)	50 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
	59.94 / 60 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
1080i (1920 x 1080i)	50 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
	59.94 / 60 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是

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1080p (1920 x 1080p)	23.976 / 24 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
	50 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
	59.94 / 60 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
VGA (640 x 480)	59.94 Hz	RGB	4:4:4	是
SVGA (800 x 600)	60 Hz	RGB	4:4:4	是
XGA (1024 x 768)	60 Hz	RGB	4:4:4	是
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RGB	4:4:4	是
SXGA (1280 x 1024)	60 Hz	RGB	4:4:4	是
WSXGA+ (1680 x 1050)	60 Hz	RGB	4:4:4	是

3D 影像格式	
幀封裝	1080p @ 24 Hz
	720p @ 50/60 Hz
由上而下	1080p @ 24 Hz
	720p @ 50/60 Hz
並排	720i @ 50/60 Hz 1080i @ 50/60 Hz 1080p @ 50/60 Hz

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音訊格式

音訊取樣率						
LPCM 2/6/8 頻道					LPCM 2 頻道	
32 kHz	44.1 kHz	48 kHz	88.2 kHz	96 kHz	176.4 kHz	192 kHz
支援					支援	

*規格如有變更，恕不另行通知。

FCC Statement:
Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

CE Statement:
This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

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60 GHz 无线 HD 收发器
MWIHD1 用户指南

简介

包装内容

包含以下物品：

- 发射器设备（MWIT1）
- 接收器设备（MWIR1）
- HDMI® 线
- 用户指南
- 质保
- 电源适配器
- MHL 线

若上述物品中有任何损坏或缺失，请立即与经销商联系。

安全使用本产品

- 处理产品时始终小心，并将其置于干净无尘的地方。
- 请勿使产品遭受液体洒入或受潮。
- 请勿在温度高于 40°C 的场合操作本产品。
- 请勿使本产品跌落或摔下。
- 请勿尝试自行拆卸或改装本产品。仅让授权人员进行维修服务。
- 您的设备并不防水；请保持产品干燥。
- 仅使用随产品提供的 AC 适配器。

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硬件

60 GHz 无线 HD MWIR1 / MWIT1

前面板

LED 指示灯			
LED 指示灯	颜色	行为	指示
电源	蓝色	慢闪	发射器已开始传输，尚未找到接收器。
		快闪	发射器和接收器进行链接并相互通信。
		开启	MWIR1 和 MWIT1 已建立音频/视频连接，网络已建立。
		关闭	适配器已关闭或处于睡眠模式。

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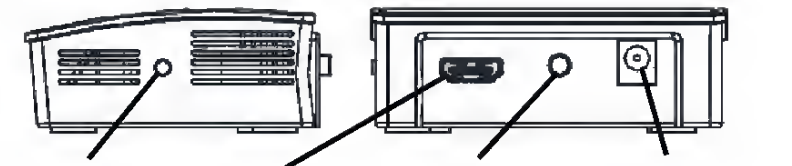
后面板



配置	
找到下一个	短按（< 10 秒）可检测下一个来源。此功能可让您将音频/视频源切换到另一个范围内的无线 HD 发射器。这将断开当前的连接并触发至设备列表中下一个可用来源的连接。 长按（> 10 秒）可恢复为默认出厂设置。此功能可让您将接收器恢复至原始发运状况。
HDMI/MHL	将 HDMI/MHL 线连接到此端口和电视或电脑。
电源开关	按下可开或关闭电源。
直流电源输入	将电源适配器连接到直流电源输入插口。

安装

设置步骤

1. 用 HDMI/MHL 线将发射器连接到媒体源，如电脑、蓝光播放器或智能手机。如果连接电脑，请确认电脑输出分辨率支持视频格式。

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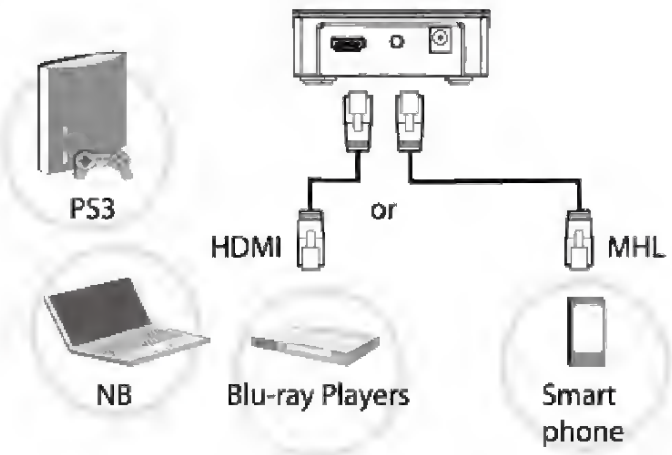
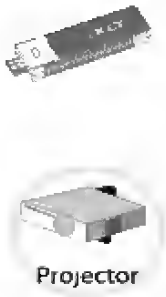
2. 将接收器连接到投影机的 HDMI/MHL 端口。从投影机信号源列表中选择 *WirelessHD*。

步骤 1 发射器 (MWIT1)



步骤 2 接收器 (MWIR1)



注

- **要获得最佳结果，MWIT1 和 MWIR1 应：面对面并在同一屋内。之间的距离不要超出 33 英尺 (10 米)。MWIT1 应不要置于机柜内或闭合的架中。请勿置于金属物体附近。**
- **请勿忘记开启投影机并确保设置正确。**

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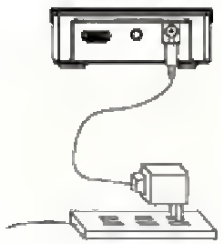
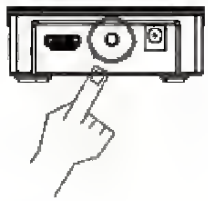
3. 检查发射器电源打开。



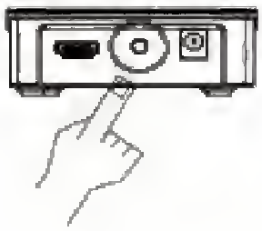
4. 开启发射器。



选择信号源

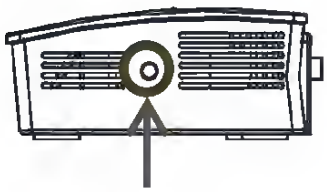
连接到不同的发射器

1. 开启新发射器。



电源开关

2. 按*查找下一个*按钮 2 秒钟。



“找到下一个”按钮

3. 发射器上的 LED 将开始快闪。当新连接建立后，LED 将停止闪烁并保持亮起。

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规格

规格	
标准	无线 HD 1.1、HDMI 1.4a、MHL V2.0
频率	60 GHz
输入/输出	HDMI/MHL -n (MWIT1)， MHL 输出 x 1 (MWIR1)
天线类型	24 天线陈列
范围	10 米，室内使用
A/V 端口	MWIT1：1 端口 (CEC 认证) MWIR1：1 端口 (CEC 认证)
物理	重量： 106 克 (MWIT1) 120 克 (MWIR1) 尺寸： 88.0 x 72.0 x 31.2 毫米 (MWIT1) 100.0 x 30.0 x 18.0 毫米 (MWIR1)
适配器电源	输入： AC 100 至 240 V，50 / 60 Hz 0.3 A 输出： DC 5 V 2.0 A
LED 指示灯	打开电源指示灯。
使用环境	工作温度：0 至 40°C 贮藏温度：-20 至 40°C 工作湿度：10% 至 90% (无冷凝) 贮藏湿度：5% 至 90% (无冷凝)
SRRC 号	MWIT1：
	MWIR1：

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视频格式

视频格式	垂直刷新	颜色空间	采样	支持
480i (1440 x 480i)	59.94 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
480p/480pw (640 x 480p/ 720 x 480p)	59.94 / 60 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
576i (1440 x 576i)	50 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
576p/576pw (720 x 576p)	50 Hz	YCbCr	4:2:2	是
		YCbCr	4:4:4	是
		RGB	4:4:4	是
720p (1280 x 720p)	50 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
	59.94 / 60 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
1080i (1920 x 1080i)	50 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
	59.94 / 60 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是

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1080p (1920 x 1080p)	23.976 / 24 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
	50 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
	59.94 / 60 Hz	YCbCr	4:2:2	是
			4:4:4	是
		RGB	4:4:4	是
VGA (640 x 480)	59.94 Hz	RGB	4:4:4	是
SVGA (800 x 600)	60 Hz	RGB	4:4:4	是
XGA (1024 x 768)	60 Hz	RGB	4:4:4	是
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RGB	4:4:4	是
SXGA (1280 x 1024)	60 Hz	RGB	4:4:4	是
WSXGA+ (1680 x 1050)	60 Hz	RGB	4:4:4	是

3D 视频格式	
帧封装	1080p @ 24 Hz
	720p @ 50/60 Hz
从上到下	1080p @ 24 Hz
	720p @ 50/60 Hz
并排	720i @ 50/60 Hz 1080i @ 50/60 Hz 1080p @ 50/60 Hz

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音频格式

音频采样率						
LPCM 2/6/8-通道					LPCM 2-通道	
32 kHz	44.1 kHz	48 kHz	88.2 kHz	96 kHz	176.4 kHz	192 kHz
支持					支持	

*规格如有更改，恕不另行通知。

FCC Statement:
Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

CE Statement:
This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

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IC Statement:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IMPORTANT NOTE:

IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

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